



## Preserving Our Investments, Growing Michigan's Economy – MDOT's 5 Year Transportation Program

March 7, 2005

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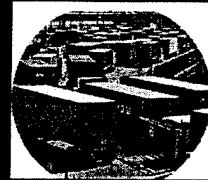
Michigan Department of Transportation

## Challenges

### Preserving Investments



### Economic Growth



### Aging Infrastructure



## Preserving our investments



## Preserving Our Investments – Highway Program Accomplishments

- Since 2002, more than 94% of the Road and Bridge Preservation Program announced has been completed
- Annual average investment is \$525 million
- 1,430 miles of roadway rehabilitated
- Nearly 40 miles of passing relief lanes constructed
- Approximately 4,300 roadway miles improved by the CPM Program

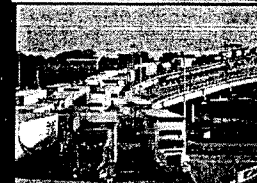
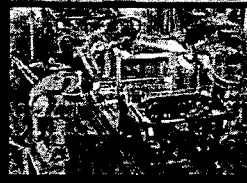
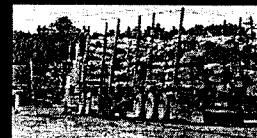
## Preserving Our Investments

### Bridge Preservation

- Annual average investment is \$196 million
- Approximately 1,045 bridges upgraded
- We met the 2008 non-freeway bridge condition goal early

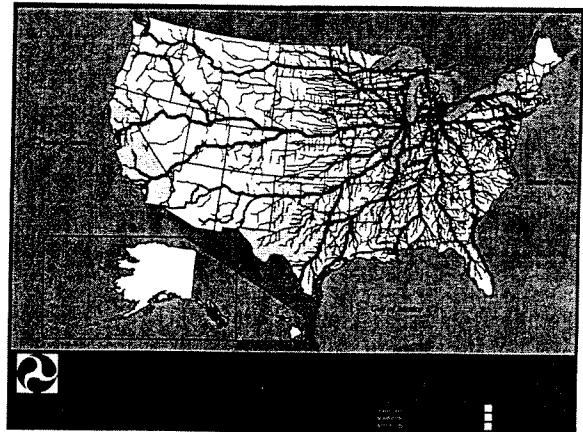


## Economic Growth

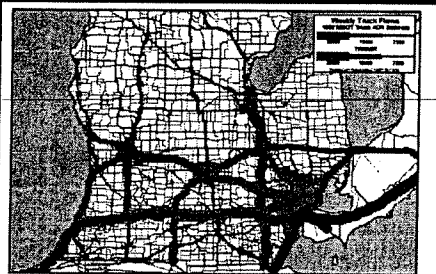


## Economic Importance Value of Trade (2002)

Port of Entry	All Modes	Truck
Detroit	\$100.8 Billion	\$85 Billion
Port Huron	\$57.3 Billion	\$32.8 Billion
Sault Ste. Marie	\$1.88 Billion	\$1.3 Billion



## Economic Importance Impact of International Truck Flows on Michigan's Highway Network



## Economic Value of Preserving Our Investments

MDOT's Preservation Focus is not only improving the condition of our roads and bridges, it is also having a positive impact on Michigan's economy.



## Economic Benefits

How does the 2005-2009  
Five-Year Transportation  
Program benefit Michigan's  
economy?



## MDOT's Economic Benefits :

MDOT's Total 2005-2009 Transportation Program:

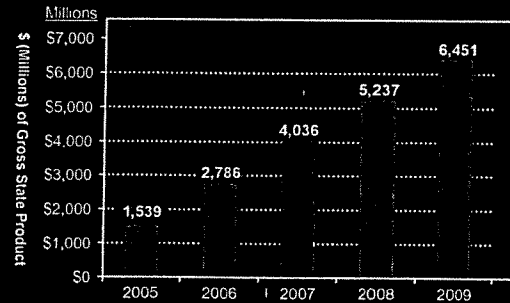
- Creates 47,215 jobs for the State of Michigan
- Assists in reducing the state's unemployment and outmigration rates
- Provides the backbone for all economic activity within the State of Michigan.



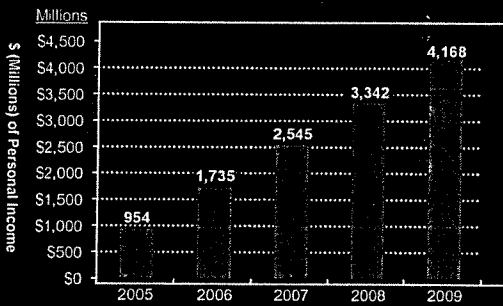
## Annual Travel-Time Savings

- Michigan households will save worth \$21.7 million in 2005. That number grows to \$57.6 million by 2009
- Michigan businesses will save \$12 million in 2005. That number grows to \$35 million by 2009
- Approximately 90% of the vehicle travel savings identified as part of this study was associated with preservation work.

MDOT's Road and Bridge investments alone generate \$6.5 billion in Gross State Product over the life of the 5-year program



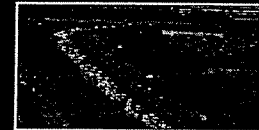
Over the life of the 5 Yr. Program, MDOT's investments accumulate to provide the state \$4.2 billion in personal income



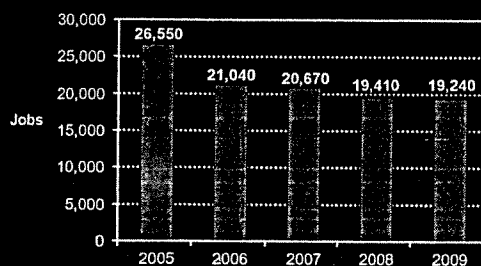
Over the life of the 5 Yr. program, MDOT's Investments accumulate to support \$10.9 billion worth of total output

	2005	2007	2009	Total 2005-09
<b>Millions '04 \$:</b>				
Total Output	2,654	2,997	2,924	10,926
Gross State Product	1,539	1,250	1,214	6,451
Real personal income	954	810	826	4,168

(Changes compared with baseline forecast)



Job creation: MDOT's Highway Program alone will create 26,550 jobs in 2005



Of the jobs MDOT creates, approximately 60% are non-construction with a large portion consisting of technical jobs in the professional services and business sectors

	2005	2006	2007	2008	2009
Total employment	26,550	21,040	20,670	19,410	19,240
Manufacturing	1,012	810	796	771	775
Out-of-state tourism	295	228	225	213	213
Nonmanuf. except tourism	25,243	20,002	19,649	18,426	18,252
Construction	9,881	7,807	7,396	7,006	6,818
Professional services	4,693	3,535	3,442	3,112	3,052
Business services	1,270	995	986	940	948
Trucking	137	110	109	107	109
Other	9,262	7,555	7,716	7,261	7,325

**MDOT's Total 5 Yr. Transportation Program will result in a reduction in Michigan's unemployment as good paying jobs are provided over the duration of the plan**

	2005	2007	2009
Total Employment	26,550	20,670	19,240
Reduction in outmigration	5,454	2,639	1,775
Number unemployed	-20,992	-10,906	-7,310
Labor force	5,558	9,764	11,930

*(Changes compared with baseline forecast)*

## 5 Year Transportation Program

- ✓ First five-year program published in 1998
- ✓ Purpose
  - Communication tool
  - Improve both internal and external awareness
  - Public commitment document
- ✓ Improved program delivery
- Submitted to Governor and Legislature annually

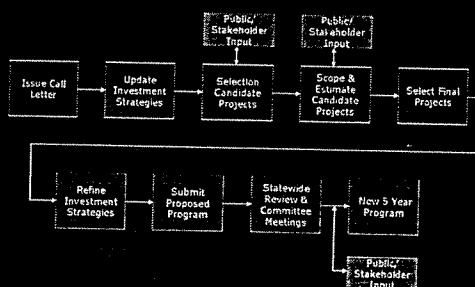
## Project Planning Process

- ✓ Federal law requires MDOT to develop a Statewide Transportation Improvement Program (STIP) for all areas of the state
- ✓ The STIP must include a list of priority transportation projects proposed in the next three years
- ✓ The portion of the STIP in urbanized areas of the state must be developed in cooperation with the MPOs
- The STIP must be federally approved

## Project Planning Process

- ✓ Five-year plan is a key component of the federally required cooperative planning process
- ✓ Provides the public, the Metropolitan Planning Organizations (MPOs) and other transportation agencies with a five-year perspective regarding the trunkline and one year on public transportation and aviation
- ✓ Projects in the five-year plan receive extensive local review and provide the foundation for the STIP

## 5 Year Transportation Program



## Questions?

[www.michigan.gov/mdot](http://www.michigan.gov/mdot)

